### General Education 2.0 Requirements
Students must complete Writing, Mathematics, and Speaking requirements during their first year.

**ACADEMIC FOUNDATIONS**

- **Writing**: (6 cr - 2 courses)
- **Quantitative Reasoning**: (3 cr)
- **Speaking**: (3 cr)

**DISCIPLINARY AREAS**

- **Arts/Humanities**: (9 cr - 3 courses)
- **Social Sciences**: (6 cr - 2 courses)
- **Natural Sciences**: (7 cr - 2 courses)

**TAGS** (one class each)

- Critical Thinking (CT)
- Complex Systems (CS)
- Domestic Diversity (DD)
- Global Diversity (GD)

### College of Arts & Sciences Requirements

**Foreign Language**: (14 cr - 4 courses)
- 101 Beginning I (4 cr)
- 102 Beginning II (4 cr)
- 201 Intermediate I (3-4 cr)
- 202 Intermediate II (3-4 cr)

- 7700:222 Survey Deaf Culture America (American Sign Language option only)

**300/400 Upper Division Requirement**: (40 cr)

### Chemistry Requirements

If a grade of less than C- is obtained in a required chemistry course, the student must successfully repeat the course within a year.

**Core Requirement**
- 3150:151 Principles of Chemistry I (3 cr)
- 3150:152 Principles of Chemistry Laboratory (1 cr)
- 3150:153 Principles of Chemistry II (3 cr)
- 3150:154 Qualitative Analysis (2 cr)
- 3150:263 Organic Chemistry Lecture I (3 cr)
- 3150:264 Organic Chemistry Lecture II (3 cr)
- 3150:265 Organic Chemistry Laboratory I (2 cr)
- 3150:266 Organic Chemistry Laboratory II (2 cr)
- 3150:313, 4 Physical Chemistry Lecture I, II (6 cr) OR
- 3150:305 Physical Chemistry for Biological Sciences (4 cr)
- 3150:380 Advanced Chemistry Laboratory I (2 cr)
- 3150:423 Analytical Chemistry I (3 cr)
- 3150:424 Analytical Chemistry II (3 cr)

**At least five credits from the following:**
- 3150:381 Advanced Chemistry Laboratory II (2 cr)
- 3150:399 Internship in Chemistry (may be repeated for a total of 6 credits) (1-6 cr)
- 3150:401 Biochemistry Lecture I (3 cr)
- 3150:402 Biochemistry Lecture II (3 cr)
- 3150:463 Advanced Organic Chemistry (3 cr)
- 3150:472 Advanced Inorganic Chemistry (3 cr)
- 3150:480 Advanced Chemistry Laboratory III (2 cr)
- 3150:497 Honors Project in Chemistry (may be repeated for a total of 8 cr) (1-2 cr)
- 3150:498 Special Topics: Chemistry (may be repeated for a total of 8 credits) (1-2 cr)
- 3150:499 Research Problems (may be repeated for a total of 8 credits) (1-2 cr)
- 9871:401/501 Introduction to Elastomers (3 cr)
- 9871:402/502 Introduction to Plastics (3 cr)
- 9871:407/507 Polymer Science (4 cr)

**Mathematics**
- 3450:149 Pre-Calculus Mathematics (4 cr)
- 3450:221 Analytic Geometry-Calculus I (4 cr)
- 3450:222 Analytic Geometry-Calculus II (4 cr)

**Physics**
- 3650:291,2 Elementary Classical Physics I, II (8 cr) OR
- 3650:261, 262 Physics for Life Sciences I, II (8 cr)

**120 Credit Minimum**

*Students should consult with their BCAS adviser for a semester by semester guide to assist with planning for course enrollment.*